JCO7 Rec'd PCT/PTO 0 5 MAY 2006

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DOI-GO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 ITERNATIONAL APPLICATION NO. PCT/FIZ003/000824 S November 2003 (05.11.2003) INTERNATIONAL FILING DATE S November 2003 (05.11.2003) S November 2002 (05.11.2003) RRANGEMENT FOR CONTROLLING ROCK DRILLING PPLICANT(S) FOR DO/EO/US IOEL, Roger Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. This is a FIRST submission to items concerning a filing under 35 U.S.C. 371. 2. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (6), (6) and (22) indicated below (6), (6) and (22) indicated below 4. The US has been elected bilthe expiration of 19 months from the prioritigidate (Article 31). 5. A copilor the International Application as filed (35 U.S.C. 371(c)(2)) a. Si a stached hereto (required onlicif not communicated bilthe International Bureau). b. has been communicated bilthe International Application as filed (35 U.S.C. 371(c)(2)) a. Dia not required, as the application was filed in the United States Receiving Office (RO/US). 3. A neglish language translation of the International Application as filed (35 U.S.C. 371(c)(2)) a. Dia are attached hereto (required onlicif not communicated bilthe International Bureau). b. has been communicated bilthe International Bureau. c. have not been made in the United States Receiving Office (RO/US). 3. A nendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. Dia are attached hereto (required onlicif not communicated bilthe International Bureau). b. have not been made and will not be made. 3. A nendments to the claims of the International Preliminar/Dexamination Report under PCT Article 39 (35 U.S.C. 371(c)(3)). 3. Many and the published internation of the	ubstitute for	Form IIS DEDARTMENT OF COMM		LATTOPHEN'S DOCKET NUMBER 201		
VIERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED	TO-1390	TRANSMITTAL LETTER T DESIGNATED/ELECTED	ATTORNET'S DOCKET NOMBER			
PCT/Fi/2003/000824 5 November 2003 (05.11.2003) 5 November 2002 (05.11.2003) ITLE OF INVENTION ARRANGEMENT FOR CONTROLLING ROCK DRILLING PPLICANT(S) FOR DO/EO/US IOEL, Roger pplicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1.				10/533873		
IRRANGEMENT FOR CONTROLLING ROCK DRILLING PPLICANT(S) FOR DO/EO/US IOEL, Roger splicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1.	NIERN					
PPLICANT(S) FOR DO/EO/US IOEL, Roger Splicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: I. Man This is a FIRST submission to items concerning a filing under 35 U.S.C. 371. I. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. Into its is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items ((i), (i)) and (22) indicated below. Into US has been elected būthe expiration of 19 months from the prioritudate (Article 31). I. A copulot the International Application as filed (35 U.S.C. 371(c)(2)) I. A copulot the International Application as filed (35 U.S.C. 371(c)(2)) I. A neading is not required, as the application was filed in the United States Receiving Office (RO/US). I. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) I. I	ITLE O		3 November 2003 (03.11.2003)	5 November 2002 (05.11.2002)		
poplicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:	ARRAI	NGEMENT FOR CONTROLL	ING ROCK DRILLING			
poplicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1.	PPLIC	ANT(S) FOR DO/EO/US				
1. ☑ This is a FIRST submission to items concerning a filing under 35 U.S.C. 371. 2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (6), (9) and (22) indicated below. 4. ☐ The US has been elected b□the expiration of 19 months from the priorit□date (Article 31). 5. ☑ A cop□of the International Application as filed (35 U.S.C. 371(c)(2)) a. ☑ is attached hereto (required onl□if not communicated b□the International Bureau). b. ☐ has been communicated b□the International Bureau. c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US). 6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) a. ☐ is attached hereto. b. ☐ has been previous□submitted under 35 U.S.C. 154(d)(4). 7. ☑ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. ☑ are attached hereto (required onl□if not communicated b□the International Bureau). b. ☐ have been communicated b□the International Bureau. c. ☐ have not been made, however, the time limit for making such amendments has NOT expired. d. ☐ have not been made and will not be made. 8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. ☐ An English language translation of the annexes of the International Preliminar□Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 11. ☑ An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. ☑ A FIRST preliminar□amendment. 14. ☐ A SECOND or SUBSEQUENT preliminar□amendment. 15. ☐ A substitute specification. 16. ☐ A change of power of attorne□and/or address letter. 17. ☐ A computer-re	NOEL,	, Roger				
2.	Applicar	nt herewith submits to the United Stat	es Designated/Elected Office (DO/EO/US) the	following items and other information:		
This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (6), (9) and (22) indicated below. A. □ The US has been elected below expiration of 19 months from the prioritidate (Article 31). A cop⊡of the International Application as filed (35 U.S.C. 371(c)(2)) a. ☒ is attached hereto (required onl□if not communicated b□the International Bureau). b. □ has been communicated b□the International Bureau. c. □ is not required, as the application was filed in the United States Receiving Office (RO/US). A English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) a. □ is attached hereto. b. □ has been previousl□submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. ☒ are attached hereto (required onl□if not communicated b□the International Bureau). b. □ have been communicated b□the International Bureau. c. □ have not been made; however, the time limit for making such amendments has NOT expired. d. □ have not been made; however, the time limit for making such amendments has NOT expired. d. □ have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An Canglish language translation of the annexes of the International Preliminar□Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 21 below concern document(s) or Information Included: 1. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 2. □ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 3. ☒ A FIRST preliminar□amendment. 4. □ A SECOND or SUBSEQUENT preliminar□amendment. 5. □ A substitute specification. 6. □ A change of power of attorne□and/or address letter. 7. □ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. 8	1. 🗵	This is a FIRST submission to items	concerning a filing under 35 U.S.C. 371.			
(6), (9) and (22) indicated below. 1. □ The US has been elected bothe expiration of 19 months from the priorit□date (Article 31). 2. ☒ a cop□of the International Application as filed (35 U.S.C. 371(c)(2)) 2. ☒ is attached hereto (required onl□if not communicated b□the International Bureau). 3. □ has been communicated b□the International Bureau. 4. □ is not required, as the application was filed in the United States Receiving Office (RO/US). 5. □ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) 5. □ has been previousl□submitted under 35 U.S.C. 154(d)(4). 7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) 6. □ have been communicated b□the International Bureau). 7. □ have been communicated b□the International Bureau. 8. □ have not been made; however, the time limit for making such amendments has NOT expired. 9. □ have not been made and will not be made. 9. □ have not been made and will not be made. 9. □ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. □ An and hor declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. □ An English language translation of the annexes of the International Preliminar□Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. □ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. ☒ A FIRST preliminar□amendment. 14. □ A SECOND or SUBSEQUENT preliminar□amendment. 15. □ A substitute specification. 16. □ A change of power of attorne□and/or address letter. 17. □ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. 18. □ A second cop□of the published international application under 35 U.S.C. 154(d)(4).	2. 🔲	This is a SECOND or SUBSEQUEN	T submission of items concerning a filing unde	er 35 U.S.C. 371.		
a.	3.	This is an express request to begin r (6), (9) and (22) indicated below.	national examination procedures (35 U.S.C. 37	(1(f)). The submission must include items (5),		
a.	4.	The US has been elected b⊕the exp	iration of 19 months from the priorit⊡date (Arti	icle 31).		
b.	5. 🗶	A cop⊡of the International Application	on as filed (35 U.S.C. 371(c)(2))			
c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) a. ☐ is attached hereto. b. ☐ has been previousl□submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. ☑ are attached hereto (required onl□if not communicated b□the International Bureau). b. ☐ have been communicated b□the International Bureau. c. ☐ have not been made; however, the time limit for making such amendments has NOT expired. d. ☐ have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminar□Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 21 below concern document(s) or Information included: 1. ☑ An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 2. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 3. ☑ A FIRST preliminar□amendment. 4. ☐ A SECOND or SUBSEQUENT preliminar□amendment. 5. ☐ A change of power of attorne□and/or address letter. 7. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. 8. ☐ A second cop□of the English language translation of the international application under 35 U.S.C. 154(d)(4).		a. 🗵 is attached hereto (required	onl⊡if not communicated b⊡the International I	Bureau).		
An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) a.		b. has been communicated bo	the International Bureau.			
a.		c. is not required, as the applic	cation was filed in the United States Receiving	Office (RO/US).		
b.						
Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a.		a. is attached hereto.				
a. ★ are attached hereto (required onl□if not communicated b□the International Bureau). b. □ have been communicated b□the International Bureau. c. □ have not been made; however, the time limit for making such amendments has NOT expired. d. □ have not been made and will not be made. 3. □ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. □ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. □ An English language translation of the annexes of the International Preliminar□Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 11. ★ An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. □ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 3. ★ A FIRST preliminar□amendment. 4. □ A SECOND or SUBSEQUENT preliminar□amendment. 5. □ A substitute specification. 6. □ A change of power of attorne□and/or address letter. 7. □ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. 8. □ A second cop□of the published international application under 35 U.S.C. 154(d)(4).		b. has been previousl submitt	ed under 35 U.S.C. 154(d)(4).			
a. ☑ are attached hereto (required onl□if not communicated b□the International Bureau). b. ☐ have been communicated b□the International Bureau. c. ☐ have not been made; however, the time limit for making such amendments has NOT expired. d. ☐ have not been made and will not be made. 3. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. ☐ An English language translation of the annexes of the International Preliminar□Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 11. ☑ An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 22. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 33. ☑ A FIRST preliminar□amendment. 44. ☐ A SECOND or SUBSEQUENT preliminar□amendment. 55. ☐ A substitute specification. 66. ☐ A change of power of attorne□and/or address letter. 77. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. 88. ☐ A second cop□of the published international application under 35 U.S.C. 154(d)(4).	7. 🔀	Amendments to the claims of the Inte	ernational Application under PCT Article 19 (35	5 U.S.C. 371(c)(3))		
c.		a. X are attached hereto (require	d onl⊡if not communicated b⊡the Internationa	l Bureau).		
d.		b. have been communicated b	□the International Bureau.			
An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminar Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 21 below concern document(s) or Information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A FIRST preliminar mendment. A SECOND or SUBSEQUENT preliminar mendment. A substitute specification. A change of power of attorne and/or address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. A second cop of the published international application under 35 U.S.C. 154(d)(4).		c. have not been made; however	ver, the time limit for making such amendments	s has NOT expired.		
An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminar Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 21 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A FIRST preliminar amendment. A SECOND or SUBSEQUENT preliminar amendment. A change of power of attorne and/or address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. A second cop of the published international application under 35 U.S.C. 154(d)(4).						
An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminar Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 21 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A FIRST preliminar amendment. A SECOND or SUBSEQUENT preliminar amendment. A change of power of attorne and/or address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. A second cop of the published international application under 35 U.S.C. 154(d)(4).	8.	An English language translation of the	ne amendments to the claims under PCT Article	e 19 (35 U.S.C. 371(c)(3)).		
0.	9.					
1. ★ An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 2. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 3. ★ A FIRST preliminar□amendment. 4. ☐ A SECOND or SUBSEQUENT preliminar□amendment. 5. ☐ A substitute specification. 6. ☐ A change of power of attorne□and/or address letter. 7. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. 8. ☐ A second cop□of the published international application under 35 U.S.C. 154(d)(4). 9. ☐ A second cop□of the English language translation of the international application under 35 U.S.C. 154(d)(4).	10. 🗖	An English language translation of the	ne annexes of the International Preliminar⊟Exa	amination Report under		
1. ★ An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 2. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 3. ★ A FIRST preliminar□amendment. 4. ☐ A SECOND or SUBSEQUENT preliminar□amendment. 5. ☐ A substitute specification. 6. ☐ A change of power of attorne□and/or address letter. 7. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. 8. ☐ A second cop□of the published international application under 35 U.S.C. 154(d)(4). 9. ☐ A second cop□of the English language translation of the international application under 35 U.S.C. 154(d)(4).	Item	ns 11 to 21 below concern docume	nt(s) or information included:			
An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A FIRST preliminar□amendment. A SECOND or SUBSEQUENT preliminar□amendment. A substitute specification. A change of power of attorne□and/or address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. A second cop□of the published international application under 35 U.S.C. 154(d)(4).			· ·			
3. ★ A FIRST preliminar□amendment. 4. □ A SECOND or SUBSEQUENT preliminar□amendment. 5. □ A substitute specification. 6. □ A change of power of attorne□and/or address letter. 7. □ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. 8. □ A second cop□of the published international application under 35 U.S.C. 154(d)(4). 9. □ A second cop□of the English language translation of the international application under 35 U.S.C. 154(d)(4).				n 37 CFR 3 28 and 3 31 is included		
4. ☐ A SECOND or SUBSEQUENT preliminar ☐ amendment. 5. ☐ A substitute specification. 6. ☐ A change of power of attorne ☐ and/or address letter. 7. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. 8. ☐ A second cop ☐ of the published international application under 35 U.S.C. 154(d)(4). 9. ☐ A second cop ☐ of the English language translation of the international application under 35 U.S.C. 154(d)(4).			g. 11 coparate cotto, chect in compliance tha	TO TO THE END AND OLO FIRE MICHAELE.		
5. ☐ A substitute specification. 6. ☐ A change of power of attorne☐and/or address letter. 7. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. 8. ☐ A second cop☐of the published international application under 35 U.S.C. 154(d)(4). 9. ☐ A second cop☐of the English language translation of the international application under 35 U.S.C. 154(d)(4).			ninar∏amendment			
6. ☐ A change of power of attorne□and/or address letter. 7. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. 8. ☐ A second cop□of the published international application under 35 U.S.C. 154(d)(4). 9. ☐ A second cop□of the English language translation of the international application under 35 U.S.C. 154(d)(4).			mila Bamenoment.			
 7. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. 8. ☐ A second cop□of the published international application under 35 U.S.C. 154(d)(4). 9. ☐ A second cop□of the English language translation of the international application under 35 U.S.C. 154(d)(4). 	6.	•	r address letter			
 8. ☐ A second cop□of the published international application under 35 U.S.C. 154(d)(4). 9. ☐ A second cop□of the English language translation of the international application under 35 U.S.C. 154(d)(4). 	7.			ter 2 and 37 C F R 1 821 - 1 825		
9. ☐ A second cop of the English language translation of the international application under 35 U.S.C. 154(d)(4).						
_	=					
v. 🔼 Other items or information:		Other items or information:	ge associated a mornishma approached u	30 0.0.5. 104(0)(4).		
1) General Authorization for Petitions for Extensions fo Time and Pa⊑ment Fees		 General Authorization for Petition 	s for Extensions fo Time and Pa⊏ment Fees			
Application Data Sheet Form PCT/ISA/210 (International Search Report)		3) Form PCT/ISA/210 (International	Search Report)			
4) Form PCT/IPEA/409 (International Preliminar © Report) 5) Declaration of Inventors from PCT Application		4) Form PCT/IPEA/409 (Internations	al Preliminar□Report)			

JC06 Rec'd PCT/PTO 05 MAY 2005

э. A	PLICATION NO. (III KITOWII, See 57 CM 16) DEFENATIONAL APPLICATION NO. ATTO		ORNEY'S DOCKET NUMBER 014975-116				
×		Applicant(s) requests that the published application include the following assignment				CALCULATIONS PTO USE ONLY	
		information:					
	-				<u> </u>		
					_		
×	The following fees are s	ubmitted:					
Ва	sic Filing Fee (1631)				\$ 300.00		
Su	rcharge of \$130.00 (1617) for furnishing the oath	or declaration later than	20	30	1"	
mc	onths from the earliest clair CLAIMS	med priority date (37 CF NUMBER FILED	R 1.492(e)). NUMBER EXTRA	RATE			
To	tal Claims	16 -20 =	 	× \$50.00 (1615	5) \$ 0.00		
_	lependent Claims	3 -3 =	·	× \$200.00 (161		· · · · · · · · · · · · · · · · · · ·	
	JLTIPLE DEPENDENT CL		1	+ \$360.00 (16			
	amination Fee	, , ,epinosio/		+ \$200.00 (163			
Se	arch Fee		· · · · · · · · · · · · · · · · · · ·	+ \$400.00 (163			
Aρ	p. Size Fee (add \$250.00	for each add'l 50 sheets	exceeding 100 sheets)				
			TOTAL OF ABOV	E CALCULATION	IS = \$ 900.00	14.24	
	Applicant claims small e are reduced by 1/2.	entity status. See 37 CF	R 1.27. The fees indicate	ed above	+ \$ 0.00		
				SUBTOTA	AL = \$ 900.00		
Pro	ocessing fee of \$130.00 (onths from the earliest claim	\$ 0.00					
		E = \$ 900.00					
	e for recording the enclose companied by an appropria						
	TOTAL FEES ENCLOSED =				D = \$ 900.00 Amount to be		
					refunded :		
a.	A check in the amou	nt of	to cover the above fees	s is enclosed.	charged :		
b.	Please charge my Do duplicate copy of this	to cover the abov	e fees. A				
C.	The Commissioner is Deposit Account No.	s hereby authorized to c 02-4800 . A dupli	harge any additional fees icate copy of this sheet is	which may be re enclosed.	equired, or credit any ov	rerpayment to	
d.	➤ Charge \$ 900.0	0 to credit card. F	orm PTO-2038 is attache	ed.			
NC or	OTE: Where an appropria (b)) must be filed and gr	ate time limit under 37 anted to restore the ap	CFR 1.494 or 1.495 has plication to pending st	not been met, a atus.	petition to revive (37	CFR 1.137(a)	
SE	END ALL CORRESPONDE	ENCE TO:					
				Wll	di Wems	eu Koo	
Burns, Doane, Swecker & Mathis, L.L.P.				SIGNATURE SIGNATURE			
Р.	O. Box 1404			pro.	Describe Control	- (7)	
	exandria, Virginia 22: 03) 836-6620		NAME .	Ronald L. Grudzie	PCKI		
				24,97	70 Ma	y 5, 2005	
				REGISTRATI		DATE	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

n re Patent Application of		
Roger NOEL)) Group Art Unit:	
Application No.: Unassigned	Examiner:	
Filed: May 5, 2005	Confirmation No.:	
For: ARRANGEMENT FOR CONTROLLING) ROCK DRILLING)		

يغ ، رد

GENERAL AUTHORIZATION FOR PETITIONS FOR EXTENSIONS OF TIME AND PAYMENT OF FEES

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. § 1.136(a)(3), the U.S. Patent and Trademark Office is hereby provided with a general authorization to treat any concurrent or future reply requiring a petition for an extension of time for its timely submission as containing a request therefor for the appropriate length of time.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. § 1.17 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: May 5, 2005

Ronald L. Grudziecki Registration No. 24,970

P.O. Box 1404 Alexandria, VA 22313-1404 (703) 836-6620 moteri, Reg. No. 34,456